

3,4-Dimethoxyphenol, tert-butyldimethylsilyl ether

Other names:	3,4-Dimethoxyphenol, tbdms derivative
Inchi:	InChI=1S/C14H24O3Si/c1-14(2,3)18(6,7)17-11-8-9-12(15-4)13(10-11)16-5/h8-10H,1-7H3
InchiKey:	XBQFQFPNOMLABA-UHFFFAOYSA-N
Formula:	C14H24O3Si
SMILES:	COc1ccc(O[Si](C)(C)C(C)(C)C)cc1OC
Mol. weight [g/mol]:	268.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.97		Crippen Method
logp	4.088		Crippen Method
rinpol	1693.30		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333361&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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<https://www.chemeo.com/cid/69-229-2/3-4-Dimethoxyphenol-tert-butyldimethylsilyl-ether.pdf>

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